# METHOD OF DETECTING, IDENTIFYING AND COUNTING ENTERITIS VIBRIO USING GENE (rpoD) SEQUENCES ENCODING RNA POLYMERASE [sigma]70 FACTOR


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Abstract of **WO03014393**

It is intended to construct a high-performance specific gene amplification primer for detecting, quantifying and identifying enteritis vibrio which has practically satisfactory amplification efficiency and amplification specificity and shows a low possibility of judgment error. The base sequences of RNA polymerase [sigma] 70 factor rpoD genes of a standard strain of Vibrio and enteritis vibrio stock cultures (a toxin gene containing strain and a toxin gene-free strain) are determined and the systemic relationships among them are clarified. Thus, bases characteristic to enteritis vibrio are identified and a highly specific probes having these bases and a gene amplification primer having high specificity and high amplification efficiency can be designed.